SEQUENCE LISTING

<110> KIRIN BEER KABUSHIKI KAISHA

<120> ANTI TRAIL-R ANTIBODY

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<151> 2001-05-18

<150> JP2001-243040
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<220>
<223> Description of Artificial Sequence:Synthetic DNA

<400> 1
cacgaattca ccatggcgcc accaccagct 30

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<223> Description of Artificial Sequence:Synthetic DNA

<400> 2
tttctcgagg cggccgctta tcactccaag gacacggcag agcctgtg 48

<210> 3
<211> 33
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<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Synthetic DNA

<400> 3
cacgaattcg ccaccatgga acaacgggga cag 33

<210> 4
<211> 48
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<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Synthetic DNA

<400> 4
tttctcgagg cggccgctca ttaggacatg gcagagtctg cattacct 48

<210> 5
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<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Synthetic DNA

<400> 5
ttctacgagc ggcttatcac agcctcctcc tctgaga 37

<210> 6
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<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Synthetic DNA

<400> 6
ttctacgagc ggccgcttat cacaagtctg caaagtcatc 40

<210> 7
<211> 27
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<220>
<223> Description of Artificial Sequence:Synthetic DNA

<400> 7
ggtccgggag atcatgaggg tgtcctt 27

<210> 8
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Synthetic DNA

<400> 8
gtgcacgccg ctggtcaggg cgcctg 26

<210> 9
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<212> DNA
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<220>

<223> Description of Artificial Sequence:Synthetic DNA

<400> 9
ggtgccaggg ggaagaccga tgg 23

<210> 10
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<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Synthetic DNA

<400> 10
atatagatct ctcagttagg acccagaggg aacc 34

<210> 11
<211> 31
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Synthetic DNA

<400> 11
gatgggccct tggtgctagc tgaggagacg g 31

<210> 12
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<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Synthetic DNA

<400> 12
gttgaagctc tttgtgacgg gcgagc 26

<210> 13
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Synthetic DNA

<400> 13
tggcgggaag atgaagacag atggtg 26

<210> 14
<211> 33
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Synthetic DNA

<400> 14
atatgtcgac tacgggggg ctttctgaga gtc 33

<210> 15
<211> 32
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Synthetic DNA

<400> 15
aagacagatg gtgcagccac cgtacgtttg at 32

<210> 16
<211> 467
<212> DNA
<213> Homo sapiens

<400> 16

gtcgactacg gggggggcttt ctgagagtca tggatctcat gtgcaagaaa atgaagcacc 60
tgtggttctt cctcctgctg gtggcggctc ccagatgggt cctgtcccag ctgcagctgc 120
aggagtcggg cccaggactg gtgaagcctt cggagaccct gtccctcacc tgcactgtct 180
ctggtggctc catcatcagt aaaagttcct actggggctg gatccgccag cccccaggga 240
aggggctgga gtggattggg agtatctatt atagtgggag taccttctac aacccgtccc 300
tcaagagtcg agtcaccata tccgtagaca cgtccaagaa ccagttctcc ctgaagctga 360
gctctgtgac cgccgcagac acggctgtgt attactgtgc gagactgaca gtggctgagt 420
ttgactactg gggccaggga accctggtca ccgtctcctc agctagc 467

<210> 17
<211> 146
<212> PRT
<213> Homo sapiens

<400> 17
Met Asp Leu Met Cys Lys Lys Met Lys His Leu Trp Phe Phe Leu Leu
1 5 10 15

Leu Val Ala Ala Pro Arg Trp Val Leu Ser Gln Leu Gln Leu Gln Glu
20 25 30

Ser Gly Pro Gly Leu Val Lys Pro Ser Glu Thr Leu Ser Leu Thr Cys
35 40 45

Thr Val Ser Gly Gly Ser Ile Ile Ser Lys Ser Ser Tyr Trp Gly Trp
50 55 60

Ile Arg Gln Pro Pro Gly Lys Gly Leu Glu Trp Ile Gly Ser Ile Tyr
65 70 75 80

Tyr Ser Gly Ser Thr Phe Tyr Asn Pro Ser Leu Lys Ser Arg Val Thr
85 90 95

Ile Ser Val Asp Thr Ser Lys Asn Gln Phe Ser Leu Lys Leu Ser Ser
100 105 110

Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala Arg Leu Thr Val
115 120 125

Ala Glu Phe Asp Tyr Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser
130 135 140

Ala Ser
145

<210> 18
<211> 421
<212> DNA
<213> Homo sapiens

<400> 18
tcacagatct ctcagttagg acccagaggg aaccatggaa gccccagctc agcttctctt 60
cctcctgcta ctctggctcc cagataccac cggagaaatt gtgttgacac agtctccagc 120
caccctgtct ttgtctccag gggaaagagc caccctctcc tgcagggcca gtcagagtgt 180
tagcagcttc ttagcctggt accaacagaa acctggccag gctcccaggc tcctcatcta 240
tgatgcatcc aacagggcca ctggcatccc agccaggttc agtggcagtg ggtctgggac 300
agacttcact ctcaccatca gcagcctaga gcctgaagat tttgcagttt attactgtca 360
gcagcgtagc aactggcctc tcactttcgg ccctgggacc aaagtggata tcaaacgtac 420
g 421

<210> 19
<211> 129
<212> PRT
<213> Homo sapiens

<400> 19
Met Glu Ala Pro Ala Gln Leu Leu Phe Leu Leu Leu Leu Trp Leu Pro
1 5 10 15

Asp Thr Thr Gly Glu Ile Val Leu Thr Gln Ser Pro Ala Thr Leu Ser
20 25 30

Leu Ser Pro Gly Glu Arg Ala Thr Leu Ser Cys Arg Ala Ser Gln Ser
35 40 45

Val Ser Ser Phe Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro
50 55 60

Arg Leu Leu Ile Tyr Asp Ala Ser Asn Arg Ala Thr Gly Ile Pro Ala
65 70 75 80

Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser
85 90 95

Ser Leu Glu Pro Glu Asp Phe Ala Val Tyr Tyr Cys Gln Gln Arg Ser
100 105 110

Asn Trp Pro Leu Thr Phe Gly Pro Gly Thr Lys Val Asp Ile Lys Arg
115 120 125

Thr

<210> 20
<211> 467
<212> DNA
<213> Homo sapiens

<400> 20
gtcgactacg ggggggcttt ctgagagtca tggatctcat gtgcaagaaa atgaagcacc 60
tgtggttctt cctcctgctg gtggcggctc ccagatgggt cctgtcccag ttgcagctgc 120
aggagtcggg cccaggactg gtgaagccct cggagaccct gtccctcacc tgcactgtct 180
ctggtggctc catcagcagt aggagtaact actggggctg gatccgccag cccccaggga 240
aggggctgga gtggattggg aatgtctatt atagagggag cacctactac aattcgtccc 300
tcaagagtcg agtcaccata tccgtagaca cgtccaagaa ccagttctcc ctgaagctga 360
gctctgtgac cgtcgcagac acggctgtgt attactgtgc gagactgtca gtggctgagt 420
ttgactactg gggccaggga atcctggtca ccgtctcctc agctagc 467

<210> 21
<211> 146
<212> PRT
<213> Homo sapiens

<400> 21
Met Asp Leu Met Cys Lys Lys Met Lys His Leu Trp Phe Phe Leu Leu
1 5 10 15

Leu Val Ala Ala Pro Arg Trp Val Leu Ser Gln Leu Gln Leu Gln Glu
20 25 30

Ser Gly Pro Gly Leu Val Lys Pro Ser Glu Thr Leu Ser Leu Thr Cys

35 40 45

Thr Val Ser Gly Gly Ser Ile Ser Ser Arg Ser Asn Tyr Trp Gly Trp
50 55 60

Ile Arg Gln Pro Pro Gly Lys Gly Leu Glu Trp Ile Gly Asn Val Tyr
65 70 75 80

Tyr Arg Gly Ser Thr Tyr Tyr Asn Ser Ser Leu Lys Ser Arg Val Thr
85 90 95

Ile Ser Val Asp Thr Ser Lys Asn Gln Phe Ser Leu Lys Leu Ser Ser
100 105 110

Val Thr Val Ala Asp Thr Ala Val Tyr Tyr Cys Ala Arg Leu Ser Val
115 120 125

Ala Glu Phe Asp Tyr Trp Gly Gln Gly Ile Leu Val Thr Val Ser Ser
130 135 140

Ala Ser
145

<210> 22
<211> 417
<212> DNA
<213> Homo sapiens

<400> 22
agatctctca gttaggaccc agagggaacc atggaagccc cagctcagct tctcttcctc 60
ctgctactct ggctcccaga taccaccgga gaaattgtgt tgacacagtc tccagccacc 120
ctgtctttgt ctccagggga aagagccacc ctctcttgta gggccagtca gagtgttagc 180
agcttcttag cctggtacca acagaaacct ggccaggctc ccaggctcct catctatgat 240
gcatccaaca gggccactgg cagcccagcc aggttcagtg gcagtgggtc tgggacagac 300
ttcactctca ccatcagcag cctagagcct gaagattttg cagtttatta ctgtcagcag 360
cgtagcgact ggcctctcac tttcggccct gggaccaaag tggatatcaa acgtacg 417

<210> 23
<211> 129
<212> PRT

<213> Homo sapiens

<400> 23

Met Glu Ala Pro Ala Gln Leu Leu Phe Leu Leu Leu Leu Trp Leu Pro
1 5 10 15

Asp Thr Thr Gly Glu Ile Val Leu Thr Gln Ser Pro Ala Thr Leu Ser
20 25 30

Leu Ser Pro Gly Glu Arg Ala Thr Leu Ser Cys Arg Ala Ser Gln Ser
35 40 45

Val Ser Ser Phe Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro
50 55 60

Arg Leu Leu Ile Tyr Asp Ala Ser Asn Arg Ala Thr Gly Ser Pro Ala
65 70 75 80

Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser
85 90 95

Ser Leu Glu Pro Glu Asp Phe Ala Val Tyr Tyr Cys Gln Gln Arg Ser
100 105 110

Asp Trp Pro Leu Thr Phe Gly Pro Gly Thr Lys Val Asp Ile Lys Arg
115 120 125

Thr

<210> 24
<211> 490
<212> DNA
<213> Homo sapiens

<400> 24

tcgactacgg gggggctttc tgagagtcat ggatctcatg tgcaagaaaa tgaagcacct 60
gtggttcttc ctcctgctgg tggcggctcc cagatgggtc ctgtcccagc tgcagctgca 120
ggagtcgggc ccaggactgg tgaagccttc ggagaccctg tccctcacct gcactgtctc 180
tggtggctcc atcagcagta gtagttacta ctggggctgg gtccgccagc ccccagggaa 240
ggggctggag tggattggga gtatccatta tagtgggagt actttctaca acccgtccct 300

caagagtcga gtcaccattt ccgtagacac gtccaagaac cagttctccc tgaagctgag 360
ctctgtgacc gccgcagaca cgactgtgta ttactgtgcg agacaggggt ctactgtggt 420
tcggggagtt tactactacg gtatggacgt ctggggccaa gggaccacgg tcaccgtctc 480
ctcagctagc 490

<210> 25
<211> 154
<212> PRT
<213> Homo sapiens

<400> 25
Met Asp Leu Met Cys Lys Lys Met Lys His Leu Trp Phe Phe Leu Leu
1 5 10 15

Leu Val Ala Ala Pro Arg Trp Val Leu Ser Gln Leu Gln Leu Gln Glu
20 25 30

Ser Gly Pro Gly Leu Val Lys Pro Ser Glu Thr Leu Ser Leu Thr Cys
35 40 45

Thr Val Ser Gly Gly Ser Ile Ser Ser Ser Ser Tyr Tyr Trp Gly Trp
50 55 60

Val Arg Gln Pro Pro Gly Lys Gly Leu Glu Trp Ile Gly Ser Ile His
65 70 75 80

Tyr Ser Gly Ser Thr Phe Tyr Asn Pro Ser Leu Lys Ser Arg Val Thr
85 90 95

Ile Ser Val Asp Thr Ser Lys Asn Gln Phe Ser Leu Lys Leu Ser Ser
100 105 110

Val Thr Ala Ala Asp Thr Thr Val Tyr Tyr Cys Ala Arg Gln Gly Ser
115 120 125

Thr Val Val Arg Gly Val Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln
130 135 140

Gly Thr Thr Val Thr Val Ser Ser Ala Ser
145 150

<210> 26
<211> 423
<212> DNA
<213> Homo sapiens

<400> 26
agatctctca gttaggaccc agagggaacc atggaaaccc cagcgcagct tctcttcctc 60
ctgctactct ggctcccaga taccaccgga gaaattgtgt tgacgcagtc tccaggcacc 120
ctgtctttgt ctccagggga aagagccacc ctctcctgca gggccagtca gagtgttagc 180
agcagctact tagcctggta ccagcagaaa cctggccagg ctcccaggct cctcatctat 240
ggtgcatcca gcagggccac tggcatccca gacaggttca gtggcagtgg gtctgggaca 300
gacttcactc tcaccatcag cagactggag cctgaagatt ttgcagtgta ttactgtcag 360
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acg 423

<210> 27
<211> 131
<212> PRT
<213> Homo sapiens

<400> 27
Met Glu Thr Pro Ala Gln Leu Leu Phe Leu Leu Leu Leu Trp Leu Pro
1 5 10 15

Asp Thr Thr Gly Glu Ile Val Leu Thr Gln Ser Pro Gly Thr Leu Ser
20 25 30

Leu Ser Pro Gly Glu Arg Ala Thr Leu Ser Cys Arg Ala Ser Gln Ser
35 40 45

Val Ser Ser Ser Tyr Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Ala
50 55 60

Pro Arg Leu Leu Ile Tyr Gly Ala Ser Ser Arg Ala Thr Gly Ile Pro
65 70 75 80

Asp Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile
85 90 95

Ser Arg Leu Glu Pro Glu Asp Phe Ala Val Tyr Tyr Cys Gln Gln Tyr

100 105 110

Gly Ser Ser Pro Leu Tyr Thr Phe Gly Gln Gly Thr Lys Leu Glu Ile
115 120 125

Lys Arg Thr
130

<210> 28
<211> 489
<212> DNA
<213> Homo sapiens

<400> 28
ctcaacaacc acatctgtcc tctagagaaa accctgtgag cacagctcct caccatggac 60
tggacctgga ggatcctctt cttggtggca gcagctacaa gtgcccactc ccaggtgcag 120
ctggtgcagt ctggggctga gatgaagaag cctggggcct cagtcaaggt ctcctgcaag 180
acttctggat acaccttcac caattataag atcaactggg tgcgacaggc ccctggacaa 240
ggacttgagt ggatgggatg gatgaaccct gacactgata gcacaggcta tccacagaag 300
ttccagggca gagtcaccat gaccaggaac acctccataa gcacagccta catggagctg 360
agcagcctga gatctgagga cacggccgtg tattactgtg cgagatccta tggttcgggg 420
agttattata gagactatta ctacggtatg gacgtctggg gccaagggac cacggtcacc 480
gtctcctca 489

<210> 29
<211> 145
<212> PRT
<213> Homo sapiens

<400> 29
Met Asp Trp Thr Trp Arg Ile Leu Phe Leu Val Ala Ala Ala Thr Ser
1 5 10 15

Ala His Ser Gln Val Gln Leu Val Gln Ser Gly Ala Glu Met Lys Lys
20 25 30

Pro Gly Ala Ser Val Lys Val Ser Cys Lys Thr Ser Gly Tyr Thr Phe
35 40 45

Thr Asn Tyr Lys Ile Asn Trp Val Arg Gln Ala Pro Gly Gln Gly Leu

50 55 60

Glu Trp Met Gly Trp Met Asn Pro Asp Thr Asp Ser Thr Gly Tyr Pro
65 70 75 80

Gln Lys Phe Gln Gly Arg Val Thr Met Thr Arg Asn Thr Ser Ile Ser
85 90 95

Thr Ala Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val
100 105 110

Tyr Tyr Cys Ala Arg Ser Tyr Gly Ser Gly Ser Tyr Tyr Arg Asp Tyr
115 120 125

Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly Thr Thr Val Thr Val Ser
130 135 140

Ser
145

<210> 30
<211> 417
<212> DNA
<213> Homo sapiens

<400> 30
gaggaactgc tcagttagga cccagaggga accatggaag ccccagctca gcttctcttc 60
ctcctgctac tctggctccc agataccacc ggagaaattg tgttgacaca gtctccagcc 120
accctgtctt tgtctccagg ggaaagagcc accctctcct gcagggccag tcagagtgtt 180
agcagctact tagcctggta ccaacagaaa cctggccagg ctcccaggct cctcatctat 240
gatgcatcca acagggccac tggcatccca gccaggttca gtggcagtgg gtctgggaca 300
gacttcactc tcaccatcag cagcctagag cctgaagatt ttgcagttta ttactgtcag 360
cagcgtagca actggccgct cactttcggc ggagggacca aggtggagat caaacga 417

<210> 31
<211> 128
<212> PRT
<213> Homo sapiens

<400> 31

Met-Glu Ala Pro Ala Gln Leu Leu Phe Leu Leu Leu Leu Trp Leu Pro
1 5 10 15

Asp Thr Thr Gly Glu Ile Val Leu Thr Gln Ser Pro Ala Thr Leu Ser
20 25 30

Leu Ser Pro Gly Glu Arg Ala Thr Leu Ser Cys Arg Ala Ser Gln Ser
35 40 45

Val Ser Ser Tyr Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro
50 55 60

Arg Leu Leu Ile Tyr Asp Ala Ser Asn Arg Ala Thr Gly Ile Pro Ala
65 70 75 80

Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser
85 90 95

Ser Leu Glu Pro Glu Asp Phe Ala Val Tyr Tyr Cys Gln Gln Arg Ser
100 105 110

Asn Trp Pro Leu Thr Phe Gly Gly Gly Thr Lys Val Glu Ile Lys Arg
115 120 125

<210> 32
<211> 497
<212> DNA
<213> Homo sapiens

<400> 32
gagctctgag agaggagccc agccctggga ttttcaggtg ttttcatttg gtgatcagga 60
ctgaacagag agaactcacc atggagtttg ggctgagctg gctttttctt gtggctattt 120
taaaaggtgt ccagtgtgag gtacagctgt tggagtctgg gggaggcttg gtacagcctg 180
ggaggtccct gagactctcc tgtgcagcct ctggattcac ctttagcagc tatgccatga 240
gctgggtccg ccaggctcca gggaaggggc tggagtgggt ctcagctatt agtggtagtg 300
gtggtagcag atactacgca gactccgtga agggccggtt caccatctcc agagacaatt 360
ccaagaacac gctgtatctg caaatgaaca gcctgagagc cgaggacacg gccgtatatt 420
actgtgcgaa agagagcagt ggctggttcg gggcctttga ctactggggc cagggaaccc 480
tggtcaccgt ctcctca 497

<210> 33
<211> 139
<212> PRT
<213> Homo sapiens

<400> 33
Met Glu Phe Gly Leu Ser Trp Leu Phe Leu Val Ala Ile Leu Lys Gly
1 5 10 15

Val Gln Cys Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Leu Val Gln
20 25 30

Pro Gly Arg Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe
35 40 45

Ser Ser Tyr Ala Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu
50 55 60

Glu Trp Val Ser Ala Ile Ser Gly Ser Gly Gly Ser Arg Tyr Tyr Ala
65 70 75 80

Asp Ser Val Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn
85 90 95

Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val
100 105 110

Tyr Tyr Cys Ala Lys Glu Ser Ser Gly Trp Phe Gly Ala Phe Asp Tyr
115 120 125

Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser
130 135

<210> 34
<211> 446
<212> DNA
<213> Homo sapiens

<400> 34
gatcttaaaa gaggttcttt ctctgggatg tggcatgagc aaaactgaca agtcaaggca 60

ggaagatgtc gccatcacaa ctcattgggt ttctgctgct ctgggttcca gcctccaggg 120
gtgaaattgt gctgactcag tctccagact ttcagtctgt gactccaaag gagaaagtca 180
ccatcacctg ccgggccagt cagagcattg gtagtagctt acactggtac cagcagaaac 240
cagatcagtc tccaaagctc ctcatcaagt atgcttccca gtccttctca ggggtcccct 300
cgaggttcag tggcagtgga tctgggacag atttcaccct caccatcaat agcctggaag 360
ctgaagatgc tgcagcgtat tactgtcatc agagtagtag tttaccgatc accttcggcc 420
aagggacacg actggagatt aaacga 446

<210> 35
<211> 127
<212> PRT
<213> Homo sapiens

<400> 35
Met Ser Pro Ser Gln Leu Ile Gly Phe Leu Leu Leu Trp Val Pro Ala
1 5 10 15

Ser Arg Gly Glu Ile Val Leu Thr Gln Ser Pro Asp Phe Gln Ser Val
20 25 30

Thr Pro Lys Glu Lys Val Thr Ile Thr Cys Arg Ala Ser Gln Ser Ile
35 40 45

Gly Ser Ser Leu His Trp Tyr Gln Gln Lys Pro Asp Gln Ser Pro Lys
50 55 60

Leu Leu Ile Lys Tyr Ala Ser Gln Ser Phe Ser Gly Val Pro Ser Arg
65 70 75 80

Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Asn Ser
85 90 95

Leu Glu Ala Glu Asp Ala Ala Ala Tyr Tyr Cys His Gln Ser Ser Ser
100 105 110

Leu Pro Ile Thr Phe Gly Gln Gly Thr Arg Leu Glu Ile Lys Arg
115 120 125

<210> 36
<211> 31

<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Synthetic DNA

<400> 36
tcttgtccac cttggtgttg ctgggcttgt g 31

<210> 37
<211> 30
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Synthetic DNA

<400> 37
aggcacacaa cagaggcagt tccagatttc 30

<210> 38
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Synthetic DNA

<400> 38
gatttaggtg acactatag 19

<210> 39
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Synthetic DNA

<400> 39
taatacgact cactataggg 20

<210> 40
<211> 41
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Synthetic DNA

<400> 40
atcacagatc tctcaccatg gaagccccag ctcagcttct c 41

<210> 41
<211> 33
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Synthetic DNA

<400> 41
ggtgcagcca ccgtacgttt gatctccacc ttg 33

<210> 42
<211> 38
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Synthetic DNA

<400> 42
gcgactaagt cgacaccatg gactggacct ggaggatc 38

<210> 43
<211> 32

<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Synthetic DNA

<400> 43
agagagagag gctagctgag gagacggtga cc 32

<210> 44
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Synthetic DNA

<400> 44
ggtacgtgaa ccgtcagatc gcctgga 27

<210> 45
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Synthetic DNA

<400> 45
tctatataag cagagctggg tacgtcc 27